

RP00630

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Recombinant Human Neuritin/NRN1 Protein

Catalog No.: RP00630

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 51299 | Q9NPD7 |

Tags

N-6×His

Synonyms

Neuritin;NRN1;NRN

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μM filtered solution of 20mM Tris,150mM NaCl,pH 8.0Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in 1X PBS.

Background

Neuritin/NRN1 is a member of the neuritin family and can be expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. Neuritin/NRN1 promotes neurite outgrowth, arborization and neuritogenesis. The protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. Overexpression of the encoded protein may be associated with astrocytoma progression.

Basic Information

Description

Recombinant Human Neuritin/NRN1 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Ala28-Gly116) of human Neuritin/NRN1 (Accession #Q9NPD7) fused with an initial Met at the N-terminus and a 6×His tag at the N-terminus.

Bio-Activity

Storage

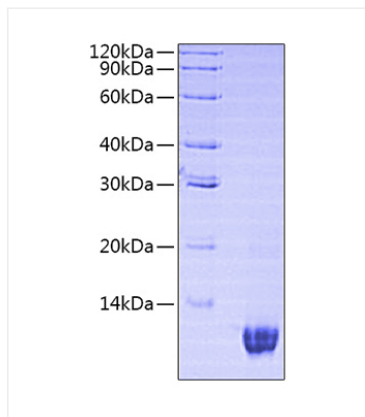
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human Neuritin/NRN1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.